

01-03-01

A

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 04860.P1429D4First Named Inventor William S. Duckwall, et al.Title: METHOD AND APPARATUS FOR THE ADDITION AND REMOVAL OF NODES FROM A COMMON INTERCONNECTExpress Mail Label No. EL638835227US1000 U.S. PTO
09/15/2646

12/29/00

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 49)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 25)**
5. ☒ **Oath or Declaration (Total Pages 3)**
 - a. ☐ Newly Executed (Original or Copy)
 - b. ☒ Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. ☐ DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. ☐ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
8. ☐ **Nucleotide and/or Amino Acid Sequence Submission**
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
☐ b. Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ a. Information Disclosure Statement (IDS)/PTO-1449
☐ b. Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Other: Formal Drawings (25 sheets)
Copy of Postcard with Express Mail Certificate of Mailing

17A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)
 Of Prior Application No.: 09/330,896 Examiner L. Donaghue Group Art Unit 2783

(which is a ☐ continuation/ ☒ divisional/ ☐ CIP of prior application no. 09/186,921,
 which is a ☐ continuation/ ☒ divisional/ ☐ CIP of prior application no. 08/889,814
 which is a ☒ continuation/ ☐ divisional/ ☐ CIP of prior application no. 08/359,294)

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

18. Correspondence Address

☐ Customer Number or Bar Code Label _____
 (Insert Customer No. or Attach Bar Code Label here)
 or

☒ Correspondence Address Below

NAME James C. Scheller, Jr.
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): James C. Scheller, Jr. Registration No.: 31,195

Signature:  Date: 12/29/2000

FEE TRANSMITTAL FOR FY 2001**TOTAL AMOUNT OF PAYMENT (\$)** \$710.00**Complete if Known:****Application No.** _____**Filing Date** December 29, 2000**First Named Inventor** William S. Duckwall, et al.**Group Art Unit** _____**Examiner Name** _____**Attorney Docket No.** 04860.P1429D4**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666**Deposit Account Name** _____☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- 2.
- ☒
- Payment Enclosed:

☒ Check☐ Money Order☐ Other**FEE CALCULATION**1. **BASIC FILING FEE**

| <u>Large Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------|-----------------|---------------------|-----------------|------------------------------------|-----------------|
| <u>Fee Code</u> | <u>Fee (\$)</u> | <u>Fee Code</u> | <u>Fee (\$)</u> | | |
| 101 | 710 | 201 | 355 | Utility application filing fee | <u>\$710.00</u> |
| 106 | 320 | 206 | 160 | Design application filing fee | _____ |
| 107 | 490 | 207 | 245 | Plant filing fee | _____ |
| 108 | 710 | 208 | 355 | Reissue filing fee | _____ |
| 114 | 150 | 214 | 75 | Provisional application filing fee | _____ |

SUBTOTAL (1)\$ 710.002. **EXTRA CLAIM FEES**

| | | | <u>Extra</u> | | <u>Fee from below</u> | | <u>Fee Paid</u> |
|---------------------------|----------|--------|--------------|---|-----------------------|---|-----------------|
| Total Claims | <u>3</u> | - 20 = | <u>0</u> | X | <u>\$18.00</u> | = | <u>\$0.00</u> |
| Independent Claims | <u>1</u> | - 3 = | <u>0</u> | X | <u>\$80.00</u> | = | <u>\$0.00</u> |
| Multiple Dependent Claims | | | | X | | = | |

****Or number previously paid, if greater; For Reissues, see below.**

| <u>Large Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------|-----------------|---------------------|-----------------|---|-----------------|
| <u>Fee Code</u> | <u>Fee (\$)</u> | <u>Fee Code</u> | <u>Fee (\$)</u> | | |
| 103 | 18 | 203 | 9 | Claims in excess of twenty | <u>\$0.00</u> |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 | <u>\$0.00</u> |
| 104 | 270 | 204 | 135 | Multiple dependent claim | _____ |
| 109 | 80 | 209 | 40 | Reissue independent claims over original patent | _____ |
| 110 | 18 | 210 | 9 | Reissue claims in excess of 20 and over original patent | _____ |

SUBTOTAL (2) \$ 0.00

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| <u>Large Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------|-----------------|---------------------|-----------------|--|-----------------|
| <u>Fee Code</u> | <u>Fee (\$)</u> | <u>Fee Code</u> | <u>Fee (\$)</u> | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | _____ |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | _____ |
| 139 | 130 | 139 | 130 | Non-English specification | _____ |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | _____ |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | _____ |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | _____ |
| 115 | 110 | 215 | 55 | Extension for response within first month | _____ |
| 116 | 390 | 216 | 195 | Extension for response within second month | _____ |
| 117 | 890 | 217 | 445 | Extension for response within third month | _____ |
| 118 | 1,390 | 218 | 695 | Extension for response within fourth month | _____ |
| 128 | 1,890 | 228 | 945 | Extension for response within fifth month | _____ |
| 119 | 310 | 219 | 155 | Notice of Appeal | _____ |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | _____ |
| 121 | 270 | 221 | 135 | Request for oral hearing | _____ |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | _____ |
| 140 | 110 | 240 | 55 | Petition to revive unavoidably abandoned application or unavoidably delayed payment of issue fee | _____ |
| 141 | 1,240 | 241 | 620 | Petition to revive unintentionally abandoned application or unintentionally delayed payment of issue fee | _____ |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | _____ |
| 143 | 440 | 243 | 220 | Design issue fee | _____ |
| 144 | 600 | 244 | 300 | Plant issue fee | _____ |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | _____ |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | _____ |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | _____ |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | _____ |
| 146 | 710 | 246 | 355 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | _____ |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (see 37 CFR 1.129(b)) | _____ |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | _____ |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | _____ |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3)\$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: James C. Scheller, Jr.

Signature: James C. Scheller Date: 12/29/2000Reg. Number: 31,195 Telephone Number: (408) 720-8300

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL638835227US

Date of Deposit: 12-29-00

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

ANNE SISON
(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

(Date signed) 12-29-00

Serial/Patent No.: *** Filing/Issue Date: December 29, 2000
Client: Apple Computer, Inc.
Title: METHOD AND APPARATUS FOR THE ADDITION AND REMOVAL OF NODES
FROM A COMMON INTERCONNECT
BSTZ File No.: 04860.P1429D4 Atty/Secty Initials: JCS/ats
Date Mailed: 12-29-00 Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | | |
|---|---|---|
| <input type="checkbox"/> Amendment/Response (____ pgs.) | <input checked="" type="checkbox"/> Express Mail No.: <u>EL638835227US</u> | <input checked="" type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time | Amt: <u>\$710.00</u> |
| <input type="checkbox"/> Application - Utility (____ pgs., with cover and abstract) | <input checked="" type="checkbox"/> Information Disclosure Statement & PTO 140 (5 pgs.) | <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.) | <input type="checkbox"/> Issue Fee Transmittal | Amt: _____ |
| <input checked="" type="checkbox"/> Application - Rule 1.53(b) Divisional (49 pgs.) | <input type="checkbox"/> Notice of Appeal | |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.) | <input type="checkbox"/> Petition for Extension of Time | |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.) | <input type="checkbox"/> Petition for _____ | |
| <input type="checkbox"/> Application - Design (____ pgs.) | <input checked="" type="checkbox"/> Postcard | |
| <input type="checkbox"/> Application - PCT (____ pgs.) | <input type="checkbox"/> Power of Attorney (____ pgs.) | |
| <input type="checkbox"/> Application - Provisional (____ pgs.) | <input checked="" type="checkbox"/> Preliminary Amendment (2 pgs.) | |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (____ pgs.) | |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts | |
| <input type="checkbox"/> Declaration & POA (____ pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business | |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Invention Signed Letter (____ pgs.) | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate (4 pgs.) | |
| <input checked="" type="checkbox"/> Drawings: 25# of sheets includes 30 figures | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate (2 pgs.) | |

Other: Copy of prior application filed 6-11-99 serial no. 09/330,896
(49 pgs) w/ drawings (25 sheets), and Declaration/POA (3 pgs)
Submission of formal drawings transmittal (1 pg)